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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

SWEARINGEN, JEFFREY R

ART UNIT

PAPER NUMBER

2145

DATE MAILED: 05/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/070,326

Applicant(s)

SESMUN ET AL.

Examiner

Jeffrey R. Swearingen

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2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 February 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 9-20 is/are pending in the application.
- 4a) Of the above claim(s) 1-8 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 9-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 February 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |                                                                                                                                               |                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                                                   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                                          | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>20060209</u> . | 6) <input type="checkbox"/> Other: _____                                                |

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## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments with respect to claims 1-20 have been considered but are moot in view of the new ground(s) of rejection.

2. The objections to the drawings and the specification are overcome.

3. Applicant is further urged to clarify the claim language to read around any Mobile IP reference.

The claims can still be read directly on standard Mobile IP.

### *Claim Rejections - 35 USC § 102*

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 9-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Inoue et al. (US 6,515,974 B1).

6. In regard to claims 9 and 15, Inoue disclosed:

*a mobile terminal is associated with a first domain of said plurality of interlinked domains and a first subnet within said first domain, a name server of said first domain storing a name for said mobile terminal and a first output address of said mobile terminal, which first output address includes an identifying identification of said first subnet, whereby the input to the network of said name for said mobile terminal causes said name server of said first domain to output said first output address; (column 10, lines 6-24)*

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when said mobile terminal moves to a second subnet associated with a second domain of the plurality of interlinked domains, the name server of said second domain stores said name for said mobile terminal and a second output address for said mobile terminal, said second output address including an identification of said second subnet, and said first output address stored in said name server of said first domain is updated with an address of said name server of said second domain, whereby an input to said network of said name for said mobile terminal causes said name server of said first domain to output an address of said name server of said second domain, and causes said name server of said second domain to output said second output address; and (column 13, lines 5-15)

when said mobile terminal moves to a third subnet, also within said second domain, said second output address stored in said name server of said second domain is updated with a third output address, said third output address including an identification of said third subnet. (column 15, lines 46-57)

7. In regard to claims 10 and 16, Inoue disclosed:

no signal is sent between said first domain and said second domain as a consequence of the mobile terminal moving from the second subnet to the third subnet. (column 15, lines 46-57)

8. In regard to claims 11 and 17, Inoue disclosed:

said mobile terminal requests that an update be sent to said name server of said second domain upon moving to said third subnet. (column 15, lines 46-57)

9. In regard to claims 12 and 18, Inoue disclosed:

said name server of said second domain transmits updates to said name server of said first domain regarding status of said mobile terminal. (This is the standard function of Mobile IP, covered by reference in Inoue through column 10, lines 6-23)

10. In regard to claims 13 and 19, Inoue disclosed:

when said mobile terminal moves to a location within a third domain of said plurality of interlinked domains, a name server of said third domain is configured to notify said name server of said first domain to update said address of said name server of said second domain with an address of said name server of said third domain. (column 15, lines 46-57)

11. In regard to claims 14 and 20, Inoue disclosed:

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*when said mobile terminal moves to a location within a third domain of said plurality of interlinked domains, said mobile terminal is configured to notify said name server of said first domain to update said address of said name server of said second domain with an address of said name server of said third domain.* (column 15, lines 46-57)

### **Conclusion**

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
13. Aziz US 5,325,362
14. Chiou et al. US 6,473,413 B1
15. Perkins, C. RFC 2002: IP Mobility Support. October 1996.
16. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jeffrey R. Swearingen whose telephone number is (571) 272-3921. The examiner can normally be reached on M-F 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on 571-272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jason Cardone  
Supervisory Patent Examiner  
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